

U. S. FISH AND WILDLIFE SERVICE

PRESCRIBED BURNING PLAN

Stillwater NWR

Burn Unit de Braga - 67

Prepared By: William G. Henry Date: 8-26-91

Reviewed By:

Ronald M. Anglin

Date: 9/3/91

Concurrence:

Associate Manager

Date: _____

The approved Prescribed Burn Plan constitutes the authority to burn. No one has authority to burn without an approved plan or in a manner not in compliance with the approved plan. Actions taken in compliance with the approved Prescribed Burn Plan will be fully supported.

Approved By:

Regional Fire Management Coordinator

Date: _____

ANNUAL PRESCRIBED BURNING PLAN

Station: Stillwater NWR

Sub Station: _____

Name of Area: de Braga - 67 Acres to be Burned: 67

Specific Portion of Above: All of unit

Legal Description: T. 19N R. 31E Sec.(s) 18 County: Churchill

Physical Features: Wheat stubble with annual weeds, this unit is bordered by an irrigation canal on the east, Stillwater Slough on the west and dirt roads on all sides.

Veg. Cover Types: (species, Height, density, etc.) Cut wheat stubble with alkali weeds and sparse grasses.

Vegetation Type	Acres	%	Fuel Model
<u>Wheat Stubble</u>	<u>67</u>	<u>90</u>	<u>1</u>
_____	_____	_____	_____
TOTALS	_____	_____	_____

Primary Resource Objectives: To remove wheat stubble for planting to goose browse and nesting cover.

Specific Objectives of Burn: Burn entire field to remove all stubble and accumulated litter in area to prepare for planting.

PRE-BURN PLANNING AND ACTIONS

Site Preparation: (what, when, how, & who) Unit is surrounded by maintained dirt roads - effective firebreaks.

SMOKE MANAGEMENT

Smoke Management Number: N/A

Distance and Direction from Smoke Sensitive Area(s): 6 miles southwest
to Fallon Naval Air Station, 12 miles west to the town of Fallon.

Necessary Transport Wind Direction: South or West

Visibility Hazard(s) (Roads, Airports, etc.) Nearest county road, 1 mile
north and west of unit.

Actions to Reduce Visibility Hazard(s) (6RM 7 Exhibit 5 Part 2): Check
local weather forecast.

Residual Smoke Problems? Measures to Reduce Problem (ie. Mop-up, fuel moisture,
time of day, etc.?): None expected - Light fuels will be rapidly
consumed by fire.

Other Safety Hazards: (adjacent lands, visitors, facilities, terrain, etc. and
needed actions) Area is off limits to general public.

Public contacts: Adjacent landowners will be advised.

Personnel Escape Plan: N/A

Special Constraints and Considerations: Get authorization from local
Air Pollution Control Board.

Communications and Coordinations: Notify local fire department and
Refuge office dispatch.

Pre-burn Monitoring:

Visual Inspection: completed 8-26-91 Veg. Transects: completed

Photo Documentation: Completed Other: _____

General Habitat Conditions: Dry residual vegetation (2 year old stubble)
throughout unit. Field is flat had been farmed in wheat several
years previously.

IGNITION, BURNING, & CONTROL

Planned or Proposed

Actual

Scheduling: Approx. Date(s) mid to late September // _____
Time of Day mid-morning until
early afternoon // _____
Weather parameters: Acceptable prescription range //

FIRE BEHAVIOR

	<u>Low</u>	<u>Desired</u>	<u>High</u>	
Temperature (broad range):	<u>55</u>	_____	<u>90</u>	// _____
Relative Humidity: (High - Low)	<u>15</u>	_____	<u>50</u>	// _____
Wind Direction:	_____	<u>S or W</u>	_____	// _____
Wind Speed (20', forecast):	<u>0</u>	_____	<u>10</u>	// _____
Wind Speed (Mid flame)	<u>0</u>	_____	<u>4</u>	// _____

(40% of 20') (or eye level)

Cloud Cover 0 50 //
 (more or less than 50%)
 Environmental Conditions: //
 Soil Moisture: low //
 Fuel Moisture: (Attach 5 10 //
 prediction worksheets)
 Litter or Duff Moisture: 160 days //
 (No. days since at least .5" rain)
 Other: //
 Fire Behavior:
 Type of Fire: Strip flank fires //
 Rate of Spread: 3 65 //
 Intensity: 3 100 //
 Flame Length: 1 4 //

Funds and Manpower:	Costs		Activity Code:	
	Equip & Sup	Labor	Total Cost	Staff Days
Admin:	<u> </u>	<u> </u>	<u> </u>	<u>1</u> // <u> </u>
Site Prep:	<u> </u>	<u> </u>	<u> </u>	<u>0</u> // <u> </u>
Ign & Contain:	<u>\$100</u>	<u>\$200</u>	<u>\$300</u>	<u>3</u> // <u> </u>
Total:	<u>\$100</u>	<u>\$200</u>	<u>\$300</u>	<u>4</u> // <u> </u>

Public Contact on Burn Day: Adjacent landowners, Air Pollution Control Board, local fire department.

Crew Briefing Points (communications, hazards, equipment, water sources, escape, etc.): Tailgate safety discussion prior to burn, including radio assignments, meeting places, escape routes and other techniques to use.

Ignition Technique (methods, how, where, who, & sequence): Driptouch to backfire along firebreak and strip flank fire to burn out area.

Holding and Control:

Critical Control Problem: None

Crews & Equipment Assignments (list all personnel and equip. needed):

Three personnel, 2 drip torches, mobile fire pumper, hand radios,
fire weather kit, and fire safety clothing.

Contingency Plan for Escaped Fires: Call headquarters and alert local
fire department.

Mop-up and Patrol:

Special Problems: None

CRITIQUE OF BURN

Were Burn Objectives Accomplished: _____

Deviation from Plans (why): _____

Problems and General Comments: _____

POST BURN MONITORING

Visual Inspection-Date: _____ Comments on Habitat Conditions, etc:

Vegetative Transects: _____

Photo Documentation: _____

Other: _____

Detailed reviews of planning, accomplishments, monitoring, etc. should be appended to plan.

STILLWATER NWR

deBraga - 67

Proposed Burn

1. Burn down wind area
2. Advance upwind using flank strip fires
3. Preferred wind direction
South or West

